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Sept. 3, 2008

Captain Richard J. Duncan
Join Interoperability Test Command
Ft. Huachuca, Arizona

Subject: IPv6 Conformance Letter

Captain Duncan:

As a prerequisite to IPv6 DISA testing, NetApp is submitting this information for your evaluation. This letter states that NetApp's Data ONTAP 7.3.1 has been tested for conformance and to our knowledge conforms to the DoD IPv6 Standard Profiles for IPv6 Capable Products v2.0.

Based on our internal testing to this date, we believe Data ONTAP 7.3.1 conforms to all the MUST requirements in Appendix A of this letter for the "Simple Server Profile for a Storage Server".

We look forward to submitting the Data ONTAP 7.3.1 software release for inclusion in the Approved Product List certification process.

Sincerely,

A handwritten signature in dark ink, appearing to read 'B. Howe', is written over a horizontal line.

Brendon Howe,
Vice President and General Manager
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Appendix A

The original source of the following requirements is the document entitled “DOD IPv6 GENERIC TEST PLAN VERSION 3” available at the following URL:

- http://jitc.fhu.disa.mil/adv_ip/register/docs/dodipv6gvpv3_aug07.pdf

2.1 Base Requirements

IPv6 capable Simple Servers **MUST** implement the Base Requirements (Section 2.1)

- RFC 2460 – Internet Protocol v6 (IPv6) Specification
- RFC 4213 Section 2- Dual Stack Transition Mechanism
- RFC 4443 – Internet Control Message Protocol (ICMPv6)
- RFC 2461 – Neighbor Discovery for IPv6 for an End Node
- RFC 2460 – Default Minimum Path MTU (PMTU)
- Manual or static configuration of IPv6 interface addresses
- RFC 2462 – IPv6 Stateless Address Auto-configuration (SLACC)
- RFC 2462 – Means to disable autonomous address selection
- RFC 4291 – IPv6 Addressing Architecture
- RFC 4007 – Scoped Address Architecture
- RFC 4193 – Unique Local IPv6 Unicast Addresses
- RFC 2464 – Transmission of IPv6 Packets over Ethernet Networks
- RFC 2710 – Multicast Listener Discovery for IPv6
 - Note – This is not supported in the Data ONTAP 7.3.1 software release as it is inappropriate for a Storage Server under the Simple Server Profile

2.2 IP Layer Security (IPsec) Functional Requirements

IPv6 capable Simple Servers “**SHOULD+**” be IPsec capable, supporting the IPsec Functional Requirements (Section 2.2)

- Note – This is not supported in the Data ONTAP 7.3.1 software release. IPsec is planned for a future software release.



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Appendix A (Contd.)

3.1.3.1 Advanced Server Profile

IPv6 capable Simple Servers “SHOULD” meet the Advanced Server if possible (Section 3.1.3.1)

- NetApp does not plan to support Advanced Server requirements as it is inappropriate for a Storage Server

IPv6 capable Simple Servers provide at least one network service as discussed in Section 3.1.3.1.
Data ONTAP 7.3.1 software provides these “Storage Server” network services:

- RFC 1094, 1813 & 3530 – Network File System (NFSv2, NFSv3 & NFSv4) over IPv6
- Common Internet File System (CIFS) / SMB Server over IPv6
- RFC 3720 – Internet SCSI (iSCSI) over IPv6
- RFC 4251 – Secure Shell (SSH) Protocol Architecture
 - Note – this excludes X11 and proxy forwarding